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DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. NOVLP050/NVLS-000682

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD OF FABRICATING LOW DIELECTRIC CONSTANT DIELECTRIC FILMS** the specification of which,

(check one)

1. ☒ is attached hereto.
2. ☐ was filed on _____ as
U.S. Application No. _____
and was amended on _____.
3. ☐ was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
			Yes ___ No ___
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ___ No ___

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____ (Application No.)	_____ (Filing Date)
_____ (Application No.)	_____ (Filing Date)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434



Direct Telephone Calls To:

Jeffrey K. Weaver at telephone number (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: Richard S. Hill

Citizenship: United States

Inventor's signature: *Richard S. Hill*

Date of Signature: 5/05/02

Residence: (City) Atherton

(State/Country) CA/US

Post Office Address: 187 Heather Drive, Atherton, CA 94027

Second Inventor: Willibrordus Gerardus Maria van den Hoek

Citizenship: Netherlands

Inventor's signature: *Willibrordus Gerardus Maria van den Hoek*

Date of Signature: 05/04/02

Residence: (City) Saratoga

(State/Country) CA/US

Post Office Address: 15470 Bohlman Road, Saratoga, CA 95070

Third Inventor:

Robert H. Havemann

Citizenship:

United States

Inventor's signature:

Robert H. Havemann

Date of Signature:

05/07/02

Residence:

(City)

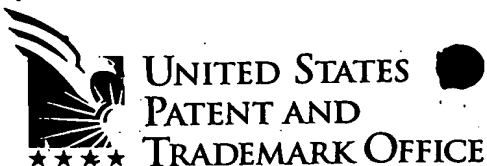
Pleasanton

(State/Country)

CA/US

Post Office Address:

1372 Hearst Drive, Pleasanton, CA 94566



UNITED STATES
PATENT AND
TRADEMARK OFFICE

AUGUST 21, 2002

PTAS

BEYER WEAVER & THOMAS, LLP
JEFFREY K. WEAVER
P.O. BOX 778
BERKELEY, CA 94704-0778

Chief Information Officer
Washington, DC 20231
www.uspto.gov



102132471A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/12/2002

REEL/FRAME: 013006/0509
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HILL, RICHARD S.

DOC DATE: 05/05/2002

ASSIGNOR:

VAN DEN HOEK, WILLIBRORDUS
GERARDUS MARIA

DOC DATE: 05/04/2002

ASSIGNOR:

HAVEMANN, ROBERT H.

DOC DATE: 05/07/2002

ASSIGNEE:

NOVELLUS SYSTEMS, INC.
3970 NORTH FIRST STREET
SAN JOSE, CALIFORNIA 95134

SERIAL NUMBER: 10171289
PATENT NUMBER:

FILING DATE: 06/12/2002
ISSUE DATE:



013006/0509 PAGE 2

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

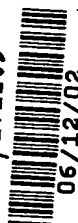
06-24-2002

ASSIGNMENT



102132471

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To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
 - a) Richard S. Hill
 - b) Willibrordus Gerardus Maria van den Hoek
 - c) Robert H. Havemann
2. Name and address of receiving party(ies):
 - a) Name: Novellus Systems, Inc.
Address: 3970 North First Street, San Jose, CA 95134

3. Nature of conveyance

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other _____	<input type="checkbox"/>	License Agreement

Execution Date:

- a) 5/5/02
 - b) 5/4/02
 - c) 5/7/02
4. Application Number(s) or Patent Number(s): NEW

The title of the (new) application is:

METHOD OF FABRICATING LOW DIELECTRIC CONSTANT DIELECTRIC FILMS

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (510) 843-6200
Fax: (510) 843-6203
(Customer Number: 022434)

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☒ Any additional fees are authorized to be charged to Deposit Account No. 500388
(Order No. NOVLP050)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: June 12, 2002

Jeffrey K. Weaver
Registration No. 31,314

6/20/2002 MWOLDER1 00000016 10171289

4 FC:581

40.00 DP

Attorney Docket No. NOVLP050/NVLS-000682

(Revised 12/01)

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD OF FABRICATING LOW DIELECTRIC CONSTANT DIELECTRIC FILMS

(Atty. Docket No. NOVLP050/NVLS-000682), (check one)

- ☒ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☐ which bears U.S. application No. _____. (Not accompanying)
☐ which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to Novellus Systems, Inc., a California corporation having a place of business at 3970 North First Street, San Jose, California 95134 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. Inventor Signature: _____

Richard S. Hill

Date: _____

5/05/02

State of California

County of _____

Santa Clara

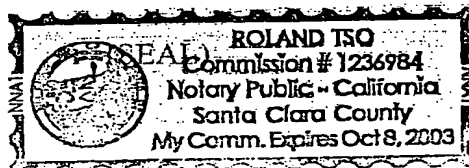
ss.

On this 5 day of May, in the year 2002, before me, Roland TSO, Notary Public, personally appeared Richard Hill, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

Roland TSO



2. Inventor Signature:

Willibrordus Gerardus Maria van den Hoek
Willibrordus Gerardus Maria van den Hoek

Date: 05/04/02

State of California

County of Santa Clara

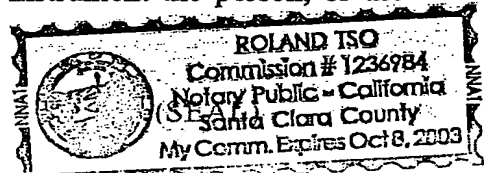
ss.

On this 4 day of May, in the year 2002, before me, Roland Tso, Notary Public personally appeared Wilbert van den Hoek, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature

[Signature]



3. Inventor Signature:

Robert H. Havemann
Robert H. Havemann

Date: 05/07/02

State of California

County of Santa Clara

ss.

On this 7 day of May, in the year 2002, before me, Roland Tso, Notary Public, personally appeared Robert Havemann, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature

[Signature]

